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Sequence Range: 1 to 2605

FIGURE 1A

490 500 510 520 530
* * * * *
GAT GAA TAT ACA TTT GCT ACT TCC GCT GAT AAT CAT GTA ACA ATG TGG
Asp Glu Tyr Thr Phe Ala Thr Ser Ala Asp Asn His Val Thr Met Trp>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

540 550 560 570
* * * * *
GTA GAT GAC CAA GAA GTG ATT AAT AAA GCT TCT AAT TCT AAC AAA ATC
Val Asp Asp Gln Glu Val Ile Asn Lys Ala Ser Asn Ser Asn Lys Ile>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

580 590 600 610 620
* * * * *
AGA TTA GAA AAA GGA AGA TTA TAT CAA ATA AAA ATT CAA TAT CAA CGA
Arg Leu Glu Lys Gly Arg Leu Tyr Gln Ile Lys Ile Gln Tyr Gln Arg>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

630 640 650 660 670
* * * * *
GAA AAT CCT ACT GAA AAA GGA TTG GAT TTC AAG TTG TAC TGG ACC GAT
Glu Asn Pro Thr Glu Lys Gly Leu Asp Phe Lys Leu Tyr Trp Thr Asp>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

680 690 700 710 720
* * * * *
TCT CAA AAT AAA AAA GAA GTG ATT TCT AGT GAT AAC TTA CAA TTG CCA
Ser Gln Asn Lys Lys Glu Val Ile Ser Ser Asp Asn Leu Gln Leu Pro>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

730 740 750 760 770
* * * * *
GAA TTA AAA CAA AAA TCT TCG AAC TCA AGA AAA AAG CGA AGT ACA AGT
Glu Leu Lys Gln Lys Ser Ser Asn Ser Arg Lys Lys Arg Ser Thr Ser>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

780 790 800 810
* * * * *
GCT GGA CCT ACG GTT CCA GAC CGT GAC AAT GAT GGA ATC CCT GAT TCA
Ala Gly Pro Thr Val Pro Asp Arg Asp Asn Asp Gly Ile Pro Asp Ser>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

820 830 840 850 860
* * * * *
TTA GAG GTA GAA GGA TAT ACG GTT GAT GTC AAA AAT AAA AGA ACT TTT
Leu Glu Val Glu Gly Tyr Thr Val Asp Val Lys Asn Lys Arg Thr Phe>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

870 880 890 900 910
* * * * *
CTT TCA CCA TGG ATT TCT AAT ATT CAT GAA AAG AAA GGA TTA ACC AAA
Leu Ser Pro Trp Ile Ser Asn Ile His Glu Lys Lys Gly Leu Thr Lys>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

920 930 940 950 960
* * * * *
TAT AAA TCA TCT CCT GAA AAA TGG AGC ACG GCT TCT GAT CCG TAC AGT
Tyr Lys Ser Ser Pro Glu Lys Trp Ser Thr Ala Ser Asp Pro Tyr Ser>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

970 980 990 1000 1010
* * * * *
FIGURE 1B

GAT TTC C AAG GTT ACA GGA CGG ATT GAT A AAT GTA TCA CCA GAG
Asp Phe Glu Lys Val Thr Gly Arg Ile Asp Lys Asn Val Ser Pro Glu>
. a a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1020 1030 1040 1050

GCA AGA CAC CCC CTT GTG GCA GCT TAT CCG ATT GTA CAT GTA GAT ATG
 Ala Arg His Pro Leu Val Ala Ala Tyr Pro Ile Val His Val Asp Met>
 a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1060 1070 1080 1090 1100

GAG AAT ATT ATT CTC TCA AAA AAT GAG GAT CAA TCC ACA CAG AAT ACT
Glu Asn Ile Ile Leu Ser Lys Asn Glu Asp Gln Ser Thr Gln Asn Thr>
a .a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1110 1120 1130 1140 1150

GAT AGT GAA ACG AGA ACA ATA AGT AAA AAT ACT TCT ACA AGT AGG ACA
Asp Ser Glu Thr Arg Thr Ile Ser Lys Asn Thr Ser Thr Ser Arg Thr>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1160 1170 1180 1190 1200

CAT ACT AGT GAA GTA CAT GGA AAT GCA GAA GTG CAT GCG TCG TTC TTT
His Thr Ser Glu Val His Gly Asn Ala Glu Val His Ala Ser Phe Phe>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1210 1220 1230 1240 1250

GAT ATT GGT GGG AGT GTA TCT GCA GGA TTT AGT AAT TCG AAT TCA AGT
Asp Ile Gly Gly Ser Val Ser Ala Gly Phe Ser Asn Ser Asn Ser Ser>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a 'a >

1260 1270 1280 1290

ACG GTC GCA ATT GAT CAT TCA CTA TCT CTA GCA GGG GAA AGA ACT TGG
Thr Val Ala Ile Asp His Ser Leu Ser Leu Ala Gly Glu Arg Thr Trp>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1300 **1310** **1320** **1330** **1340**

GCT GAA ACA ATG GGT TTA AAT ACC GCT GAT ACA GCA AGA TTA AAT GCC
Ala Glu Thr Met Gly Leu Asn Thr Ala Asp Thr Ala Arg Leu Asn Ala>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1350 1360 1370 1380 1390

AAT ATT AGA TAT GTA AAT ACT GGG ACG GCT CCA ATC TAC AAC GTG TTA
Asn Ile Arg Tyr Val Asn Thr Gly Thr Ala Pro Ile Tyr Asn Val Leu>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1450 1460 1470 1480 1490

AAA GCT AAG GAA AAC CAA TTA AGT CAA ATA CTT GCA CCT AAT AAT TAT
Lys Ala Lys Glu Asn Gln Leu Ser Gln Ile Leu Ala Pro Asn Asn Tyr>

FIGURE 1C

a a a a TRANSLATION OF UNTITLED2 a a a a a ->

1500 1510 1520 1530

TAT CCT TCT AAA AAC TTG GCG CCA ATC GCA TTA AAT GCA CAA GAC GAT
Tyr Pro Ser Lys Asn Leu Ala Pro Ile Ala Leu Asn Ala Gln Asp Asp>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

1540 1550 1560 1570 1580

TTC AGT TCT ACT CCA ATT ACA ATG AAT TAC AAT CAA TTT CTT GAG TTA
Phe Ser Ser Thr Pro Ile Thr Met Asn Tyr Asn Gln Phe Leu Glu Leu>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1590 1600 1610 1620 1630
* * * * * * *
GAA AAA ACG AAA CAA TTA AGA TTA GAT ACG GAT CAA GTA TAT GGG AAT
Glu Lys Thr Lys Gln Leu Arg Leu Asp Thr Asp Gln Val Tyr Gly Asn>
P a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1640 1650 1660 1670 1680
 ATA GCA ACA TAC AAT TTT GAA AAT GGA AGA GTG AGG GTG GAT ACA GGC
 Ile Ala Thr Tyr Asn Phe Glu Asn Gly Arg Val Arg Val Asp Thr Gly>
 a a a a TRANSLATION OF UNTITLED2 [A] a a a a >

1690	1700	1710	1720	1730
*	*	*	*	*
TCG AAC TGG AGT GAA GTG TTA CCG CAA ATT CAA GAA ACA ACT GCA CGT				
Ser. Asn Trp Ser Glu Val Leu Pro Gln Ile Gln Glu Thr Thr Ala Arg>				
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >				

1740	1750	1760	1770												
*	*	*	*												
ATC	ATT	TTT	AAT	GGA	AAA	GAT	TTA	AAT	CTG	GTA	GAA	AGG	CGG	ATA	GCG
Ile	Ile	Phe	Asn	Gly	Lys	Asp	Leu	Asn	Leu	Val	Glu	Arg	Arg	Ile	Ala
a	a	a	a	TRANSLATION OF UNTITLED2 [A]	a	a	a	a	a	>					

1780 1790 1800 1810 1820

GCG GTT AAT CCT AGT GAT CCA TTA GAA ACG ACT AAA CCG GAT ATG ACA
Ala Val Asn Pro Ser Asp Pro Leu Glu Thr Thr Lys Pro Asp Met Thr>
a a a a TRANSLATION OF UNTITLED2 [A] a a a a a >

1880	1890	1900	1910	1920											
*	*	*	*	*											
AAC	TTA	CAA	TAT	CAA	GGG	AAA	GAC	ATA	ACC	GAA	TTT	GAT	TTT	AAT	TTC
Asn	Leu	Gln	Tyr	Gln	Gly	Lys	Asp	Ile	Thr	Glu	Phe	Asp	Phe	Asn	Phe
a	a	a	a	TRANSLATION OF UNTITLED2	[A]	a	a	a	a	a	>				

FIGURE 1D

80	1990	2000	2010	
*	*	*	*	*
GCA ACT AAC ATA TAT ACT GTA TTA GAT AAA ATC AAA TTA AAT GCA AAA Ala Thr Asn Ile Tyr Thr Val Leu Asp Lys Ile Lys Leu Asn Ala Lys> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2020	2030	2040	2050	2060
*	*	*	*	*
ATG AAT ATT TTA ATA AGA GAT AAA CGT TTT CAT TAT GAT AGA AAT AAC Met Asn Ile Leu Ile Arg Asp Lys Arg Phe His Tyr Asp Arg Asn Asn> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2070	2080	2090	2100	2110
*	*	*	*	*
ATA GCA GTT GGG GCG GAT GAG TCA GTA GTT AAG GAG GCT CAT AGA GAA Ile Ala Val Gly Ala Asp Glu Ser Val Val Lys Glu Ala His Arg Glu> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2120	2130	2140	2150	2160
*	*	*	*	*
GTA ATT AAT TCG TCA ACA GAG GGA TTA TTG TTA AAT ATT GAT AAG GAT Val Ile Asn Ser Ser Thr Glu Gly Leu Leu Leu Asn Ile Asp Lys Asp> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2170	2180	2190	2200	2210
*	*	*	*	*
ATA AGA AAA ATA TTA TCA GGT TAT ATT GTA GAA ATT GAA GAT ACT GAA Ile Arg Lys Ile Leu Ser Gly Tyr Ile Val Glu Ile Glu Asp Thr Glu> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2220	2230	2240	2250	
*	*	*	*	*
GGG CTT AAA GAA GTT ATA AAT GAC AGA TAT GAT ATG TTG AAT ATT TCT Gly Leu Lys Glu Val Ile Asn Asp Arg Tyr Asp Met Leu Asn Ile Ser> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2260	2270	2280	2290	2300
*	*	*	*	*
AGT TTA CGG CAA GAT GGA AAA ACA TTT ATA GAT TTT AAA AAA TAT AAT Ser Leu Arg Gln Asp Gly Lys Thr Phe Ile Asp Phe Lys Lys Tyr Asn> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2310	2320	2330	2340	2350
*	*	*	*	*
GAT AAA TTA CCG TTA TAT ATA AGT AAT CCC AAT TAT AAG GTA AAT GTA Asp Lys Leu Pro Leu Tyr Ile Ser Asn Pro Asn Tyr Lys Val Asn Val> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2360	2370	2380	2390	2400
*	*	*	*	*
TAT GCT GTT ACT AAA GAA AAC ACT ATT ATT AAT CCT AGT GAG AAT GGG Tyr Ala Val Thr Lys Glu Asn Thr Ile Ile Asn Pro Ser Glu Asn Gly> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2410	2420	2430	2440	2450
*	*	*	*	*
GAT ACT AGT ACC AAC GGG ATC AAG AAA ATT TTA ATC TTT TCT AAA AAA Asp Thr Ser Thr Asn Gly Ile Lys Lys Ile Leu Ile Phe Ser Lys Lys> a a a a TRANSLATION OF UNTITLED2 [A] a a a a >				
2460	2470	2480	2490	
*	*	*	*	*

FIGURE 1E

FIGURE 1F

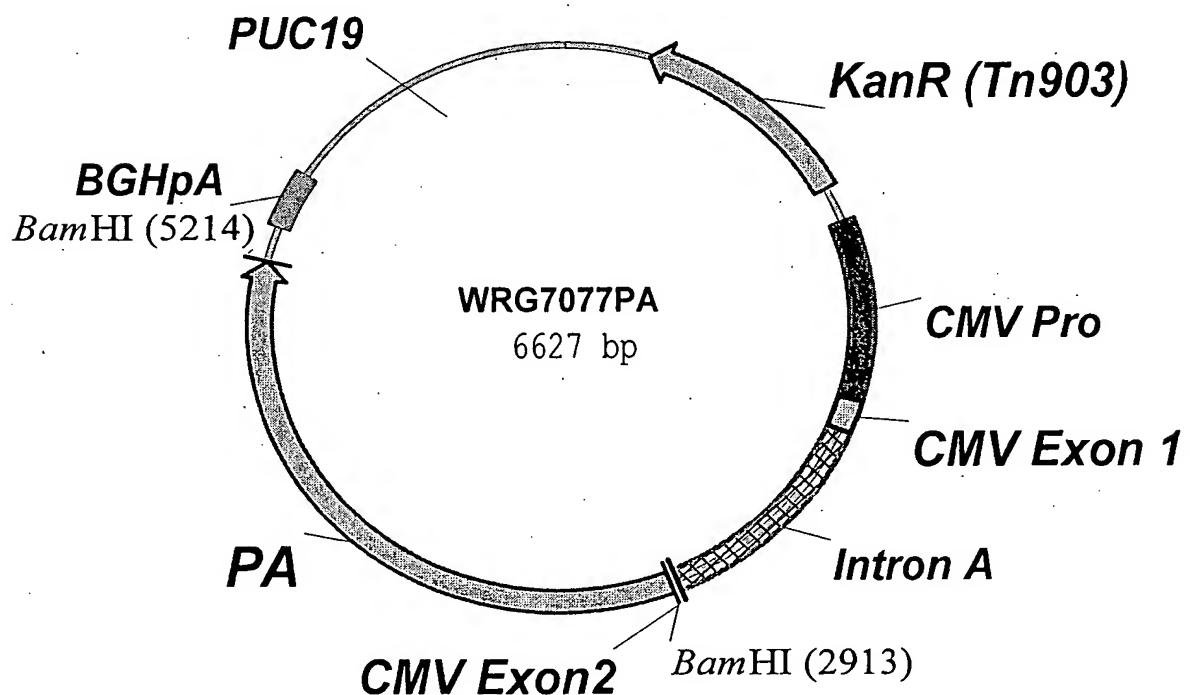
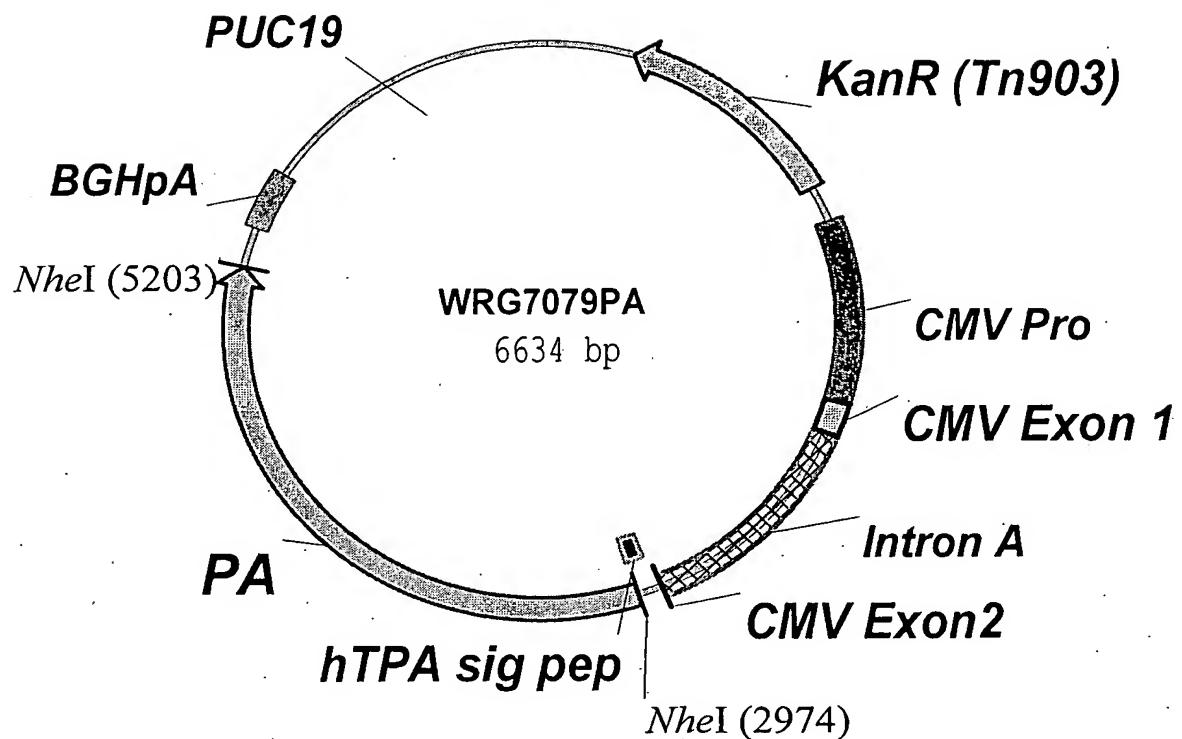


Figure 2

Figure 3

ELISA titers to anthrax PA in vaccinated rabbits

